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## Normal Reactions: Variants

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Variations of normal reactions that are **not** considered adverse events can include:

- Local satellite lesions(\*)  
(that are normal in appearance)
- Lymphangitis
- Local edema
- Viral cellulitis(†)  
(intense inflammation surrounding the papule)

\* The frequency of satellite lesions varies from study to study and ranges from 2.4 to 6.6 %.

† This normal consequence of vaccination is often confused with [bacterial infection](#).

## Management

None of these expected variations of normal reactions require any treatment other than symptomatic relief.



◀ 1 of 14 ▶ [Zoom](#)

Normal Variant: Satellite



◀ 1 of 5 ▶ [Zoom](#)

Normal Variant: Lympha



◀ 1 of 9 ▶ [Zoom](#)

Normal Variant: Eder



◀ 1 of 5 ▶ [Zoom](#) ↵

Normal Variant: Viral Ce